

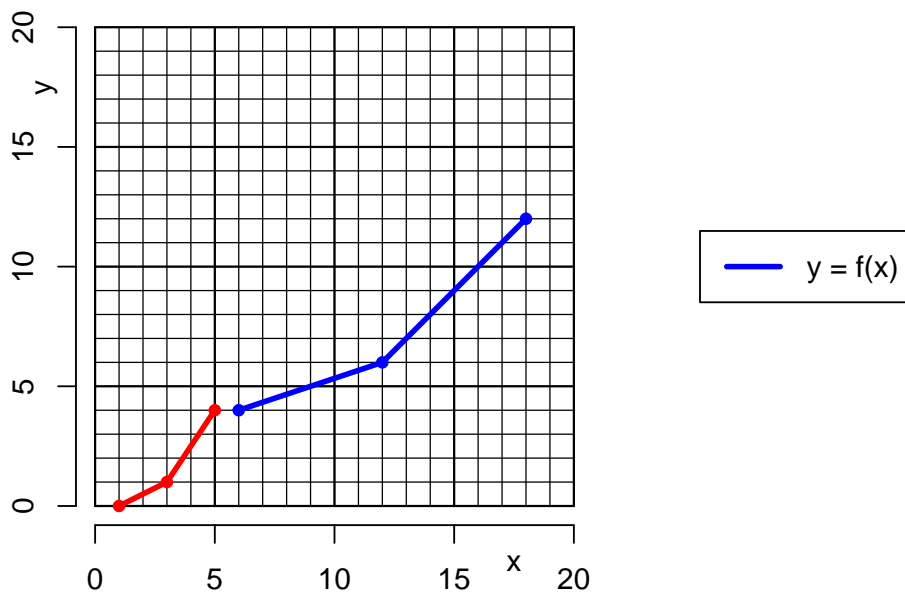
Name: _____

Date: _____

PCW_09_18 Find new points after transformation (version 16)

Question 1

Curve $y = f(x)$ contains points $(6, 4)$ and $(12, 6)$ and $(18, 12)$, as shown on the x - y plane below.

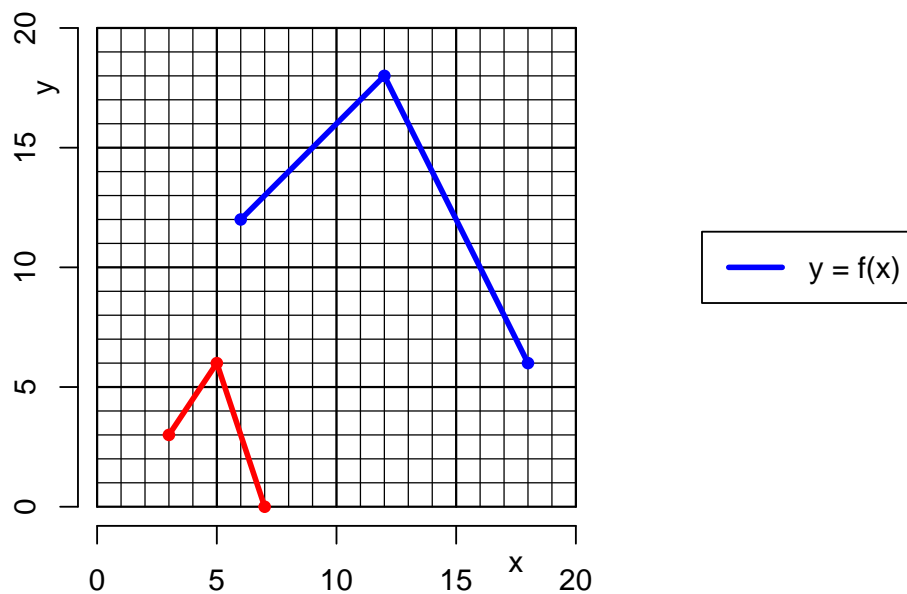


On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f[3(x+1)] - 4}{2}$$

Question 2

Curve $y = f(x)$ contains points $(6, 12)$ and $(12, 18)$ and $(18, 6)$, as shown on the x - y plane below.



On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f[3x - 3] - 6}{2}$$